

Danner, Ward

From: Carmen Santos <Santos.Carmen@epamail.epa.gov>
Sent: Wednesday, March 27, 2013 1:18 PM
To: Santos, Carmen
Subject: Fw: PCBs: Aspire Site, Oakland, CA - Formal Request for Cap Modification
Attachments: 1-C3.0.pdf

Carmen D. Santos
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"Think left and think right and think low and think high. Oh, the things you can think up if only you try!" Dr. Seuss

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 **Before printing this e-mail think if it is necessary. Think Green!**
----- Forwarded by Carmen Santos/R9/USEPA/US on 03/27/2013 01:17 PM -----

From: Carmen Santos/R9/USEPA/US
To: "Goloubow, Ron",
Date: 01/25/2011 05:22 PM
Subject: PCBs: Aspire Site, Oakland, CA - Formal Request for Cap Modification

Hello Ron:

Thank you for explaining the issues with the cap at the Aspire site in Oakland.

The owner of the property must submit a formal request for modification of the cap requirement in USEPA's November 13, 2009 conditional approval of the PCB cleanup Notification that Aspire submitted under 40 CFR 761.61(a) (self implementing cleanup). I recommend that modifications to the cap requirement be submitted for USEPA approval under 40 CFR 761.61(c) before the cap is constructed. Among other information, the cap modification request must include drawings depicting: (1) the layers of the cap; (2) thickness and material for each layer; and show PCB containing soils below and above the cleanup level. An explanation of how the layered cap (modified cap) meets the requirements in 40 CFR 761.61(a)(7) must be included in the request for cap modification. A cap maintenance, monitoring, and repair plan must be submitted for USEPA review and approval after the "cap" is constructed.

In reference to the ratslabs, we recommend that to ensure a cap integrity comparable to other areas of the site, that construction of the ratslab include a base rock layer with a thickness comparable to the thickness of the base rock layer planned to be added below the upper asphalt or portland cement surfaces at other areas of the site different from the ratslab areas.

Please call me if you have any questions concerning this message.

Thank you for your courtesies.

Regards,
Carmen

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"Earth laughs in flowers." R. W. Emerson

▼ "Goloubow, Ron" ---01/21/2011 09:00:43 AM---Carmen can you let me know if EPA could approve the following thicknesses of the asphalt and concret

From: "Goloubow, Ron"
To: Carmen Santos/R9/USEPA/US@EPA
Cc: Michael Rueda , Ramiro Viramontes , Brad Kettelle , "mjewell@k2architects.com"
Date: 01/21/2011 09:00 AM
Subject: Aspire Oakland - pavement thicknesses

Carmen can you let me know if EPA could approve the following thicknesses of the asphalt and concrete that would serve as the cap at the Site? Initially a 6-inch thick interval of asphalt or Portland cement concrete (PCC) on top of various intervals of imported aggregate base rock was proposed for this project. I have been told that changing the thicknesses of the asphalt and PCC to the intervals indicated below will result in a cost savings of approximately \$100,000 allowing Aspire to use that money on items that will serve the students such as classroom lighting, desks, and the like. It is my understanding that the proposed intervals will provide the required isolation of the three SMALL areas where PCB – affected soil remains in place above the site clean-up goal of 0.130 mg/kg.

The attached site plan illustrates the areas of the site that are to be paved. Please note that the attached map still references the original thicknesses, not the proposed intervals provided below. The attached map is intended to illustrate the areas various areas of the site that are referenced below.

1. Light-duty pavement (light automobile traffic, parking and play areas) = 2.5 inch thick interval of asphalt concrete on top of 8-inch thick interval of imported aggregate base rock (total cap thickness of 10.5 inches).
2. Medium-duty pavement driveways for bus and light-truck loading = 3 inch thick interval of asphalt concrete on top of 10-inch thick interval of imported aggregate base rock (total cap thickness of 13 inches).
3. Concrete walkways, 4-inch thick interval of PCC on top of a 4-inch thick interval of imported aggregate base rock (total cap thickness of 8 inches).
4. Rat Slabs (the crawl space beneath buildings 100, 200, and the four other class room buildings) 2 inch thick interval of asphalt concrete on top of cement treated native soil.

We are making progress on this construction project and would like to know if this revision is acceptable to EPA as soon as possible. Please contact me if you have any questions or need any more information.

Thanks in advance.

Ron.

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